



DEPARTMENT OF BUILDINGS

EXECUTIVE OFFICES  
120 WALL STREET, NEW YORK, N.Y. 10005

ROBERT ESNARD, R.A. Commissioner  
248-8811

September 6, 1983

BORO OFFICES:

MANHATTAN  
MUNICIPAL BUILDING  
NEW YORK, N. Y. 10007

BRONX  
1932 ARTHUR AVENUE  
BRONX, N. Y. 10457

BROOKLYN  
MUNICIPAL BUILDING  
BROOKLYN, N. Y. 11201

QUEENS  
126-08 QUEENS BLVD.  
KEW GARDENS, N. Y. 11415

STATEN ISLAND  
BOROUGH MALL  
ST. GEORGE, N. Y. 10301

Joseph C. Hess  
Chief of Fire Prevention  
250 Livingston Street  
Brooklyn, New York 11201

Re: Compressed Oxygen and Acetylene Storage Tanks  
Motor Vehicle Repair Shops

Dear Chief Hess:

This is in response to your letter of inquiry dated July 1, 1983. In your letter you request an affirmation of Department of Buildings policy with respect to the storage of the subject gases at legal Motor Vehicle Repair Shops. Please be advised as follows:

ALLOWABLE STORAGE:

No more than two (2) tanks of oxygen and two (2) tanks of compressed acetylene gas may be stored in a legal Motor Vehicle Repair Shop.

OXYGEN TANK: Approximate Specifications--Maximum

Diameter - 9"  
Height - 55"  
Capacity - 244 cubic feet  
Weight - 150 lbs.

ACETYLENE TANK: Approximate Specifications--Maximum

Diameter - 12"  
Height - 42"  
Capacity - 320 cubic feet  
Weight - 250 lbs.

HOW STORED:

- a) On a concrete slab at grade.

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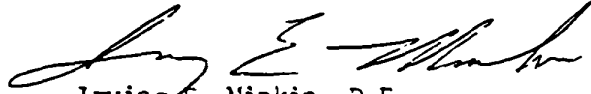
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HOW STORED: (continued)

- b) Open storage of one tank of oxygen and one tank of acetylene. The tanks must be separated at least 12" from each other.
- c) The second tanks of oxygen and acetylene must be stored in a fire-rated enclosure and must be separated from each other by a fire-rated partition.
- d) All tanks must be stored in a vertical position.
- e) All tanks must be in a space with ventilation.
- f) All tanks must be stored away from heat.
- g) All tanks must be protected from falling objects.

The Department of Buildings is pleased to cooperate with the Fire Department to provide for additional safety in Motor Vehicle Repair Shops.

Very truly yours,



Irving E. Minkin, P.E.  
Deputy Commissioner  
Department of Buildings

ATTACHMENT

Fire Department letter-July 1st, 1983

cc: (w/Attachment)

Comm'r. Esnard

Polsky

Hassman

Iacobazzo

Borough Superintendents

Milton Fishkin--Chief Inspector, Bureau of Fire Prevention

Fire Department, 250 Livingston St., Brooklyn, N.Y. 11201

Sylvia Deutsch--Chairperson/Commissioner

Board of Standards & Appeals, 80 Lafayette St.,  
New York, N. Y. 10013

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